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IEEE Photonics Award

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The **IEEE Photonics Award** is a Technical Field Award established by the IEEE Board of Directors in 2002.[1] This award is presented for outstanding achievements in photonics, including work relating to: light-generation, transmission, deflection, amplification and detection and the optical/electro-optical componentry and instrumentation used to accomplish these functions. Also included are storage technologies utilizing photonics to read or write data and optical display technologies. It also extends from energy generation/propagation, communications, information processing, storage and display, biomedical and medical uses of light and measurement applications.

This award may be presented to an individual or a team of up to three people. Recipients of this award receive a bronze medal, certificate, and honorarium.

IEEE Photonics Award	
Awarded for	Outstanding achievements in photonics
Presented by	Institute of Electrical and Electronics Engineers
First awarded	2002
Website	IEEE Photonics Award

Recipients [edit source]

- 2021: Jack Jewell
- 2020: Christopher Richard Doerr
- 2019: Michal Lipson
- 2018: Ursula Keller
- 2017: John E. Bowers
- 2016: Mark E. Thompson
- 2015: Philip St. John Russell
- 2014: James G. Fujimoto
- 2013: Peter F. Moulton
- 2012: Eli Yablonovitch
- 2011: Amnon Yariv
- 2010: Ivan P. Kaminow
- 2009: Robert L. Byer
- 2008: Joe C. Campbell
- 2007: David N. Payne
- 2006: Frederick J. Leonberger
- 2005: Rod C. Alferness
- 2004: Tingye Li

References [edit source]

1. ^ "IEEE Photonics Award". *www.ieee.org*. Retrieved 2020-11-11.

External links [edit source]

- IEEE Photonics Award page at IEEE
- List of recipients of the IEEE Photonics Award

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Medals	Medal of Honor · Edison Medal (career achievement) · Founders Medal · Alexander Graham Bell Medal (communications and networking) · Medal for Environmental and Safety Technologies · Richard W. Hamming Medal (information technology) · Medal for Innovations in Healthcare Technology · Jack S. Kilby Signal Processing Medal · IEEE/RSE James Clerk Maxwell Medal (electrical engineering) · James H. Mulligan Jr. Education Medal · Jun-ichi Nishizawa Medal (materials science and device technologies) · Robert N. Noyce Medal (microelectronics) · Dennis J. Picard Medal for Radar Technologies and Applications · Medal in Power Engineering · Simon Ramo Medal (systems engineering) · John von Neumann Medal (computing) · Lamme Medal (electrical or electronic power apparatus or systems, 1928–2002) · Heinrich Hertz Medal (electromagnetics, 1988–2001) · Medal for Engineering Excellence (1988–2004)
Technical field awards	Biomedical Engineering Award · Cledo Brunetti Award (nanotechnology and miniaturization) · Control Systems Award · Electromagnetics Award · Electronics Packaging Award · Fourier Award for Signal Processing · James L. Flanagan Speech and Audio Processing Award · Andrew S. Grove Award (solid-state technology) · Herman Halperin Electric Transmission and Distribution Award · Masaru Ibuka Consumer Electronics Award · Innovation in Societal Infrastructure Award · Internet Award · Reynold B. Johnson Data Storage Device Technology Award · Reynold B. Johnson Information Storage Systems Award · Richard Harold Kaufmann Award (industrial systems engineering) · Joseph F. Keithley Award in Instrumentation and Measurement · Gustav Robert Kirchhoff Award (electronic circuits and systems) · Leon K. Kirchmayer Graduate Teaching Award · Computer Science and Engineering Undergraduate Teaching Award · Koji Kobayashi Computers and Communications Award · William E. Newell Power Electronics Award · Daniel E. Noble Award (emerging technologies) · Donald O. Pederson Award in Solid-State Circuits · Frederik Philips Award (R&D management) · **Photonics Award** · Emanuel R. Piore Award (information processing systems) · Judith A. Resnik Award (space engineering) · Robotics and Automation Award · Frank Rosenblatt Award (computational paradigms) · Charles Proteus Steinmetz Award (standardization) · Marie Sklodowska-Curie Award (nuclear and plasma engineering) · Eric E. Sumner Award (communications technology) · Undergraduate Teaching Award · Nikola Tesla Award (power) · Kiyo Tomiyasu Award (mid-career contributions) · Transportation Technologies Award · David Sarnoff Award (electronics, 1959–2016)
Other IEEE-level awards	Honorary Membership · Corporate Innovation Recognition · Richard M. Emberson Award (service to technical objectives of IEEE) · Haraden Pratt Award (service to IEEE) · Centennial Medal (1984 commemorative) · W.R.G. Baker Award (outstanding paper, 1957–2015) · Donald G. Fink Prize Paper Award (1981–2016) · Ernst Weber Engineering Leadership Recognition (1986–2016)
Society-level awards	Taylor L. Booth Education Award (Computer Society) · Seymour Cray Computer Engineering Award (Computer Society) · Eckert–Mauchly Award (Computer Society and ACM) · Computer Entrepreneur Award (Computer Society) · Computer Pioneer Award (Computer Society) · Sidney Fernbach Award (Computer Society) · Harry H. Goode Memorial Award (Computer Society) · Tsutomu Kanai Award (Computer Society) · Ken Kennedy Award (Computer Society and ACM) · Knuth Prize (Computer Society and ACM SIGACT) · W. Wallace McDowell Award (Computer Society) · Harlan D. Mills Award (Computer Society) · Software Process Achievement Award (Computer Society and SEI) · J. J. Ebers Award (Electron Devices Society) · Claude E. Shannon Award (Information Theory Society) · Erwin Marx Award (Nuclear and Plasma Sciences Society) · John Tyndall Award (Photonics Society and OSA)

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